

REVIVED

AUG 16 2002

Sheet 1 of 3

OCT 15 2002  
USPTO  
SEARCHEDAUG 15 2002  
USPTO  
SEARCHEDFORM PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: FORS-06111

Serial No.: 09/782,702

INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
(Use Several Sheets If Necessary)

(37 CFR § 1.98(b))

TECH CENTER 1600/2900

Applicant: Raymond F. Cracauer

Filing Date: 02/13/01

Group Art Unit: 1634

## U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | Serial / Patent Number | Issue Date | Applicant / Patente | Class | Subclass | Filing Date |
|-------------------|----------|------------------------|------------|---------------------|-------|----------|-------------|
|                   | 1        | 5,472,672              | 12/5/95    | Bennan              | 422   | 131      | 10/22/93    |
|                   | 2        | 5,368,823              | 11/29/94   | McGrath et al.      | 422   | 1340     | 2/11/93     |
|                   | 3        | 5,935,527              | 8/10/99    | Andrus et al.       | 422   | 131      | 4/29/93     |
|                   | 4        | 5,865,224              | 2/2/99     | Ally et al.         | 141   | 130      | 12/20/96    |
|                   | 5        | 6,280,950              | 8/28/01    | Lipshutz et al.     | 435   | 6        | 10/28/99    |
|                   | 6        | 6,270,730              | 8/7/01     | McLuen et al.       | 422   | 131      | 6/16/98     |
|                   | 7        | 6,264,891              | 7/24/01    | Heyneker et al.     | 422   | 64       | 5/18/99     |
|                   | 8        | 6,126,904              | 10/3/00    | Zuellig et al.      | 422   | 130      | 9/5/97      |
|                   | 9        | 6,171,555              | 1/9/01     | Cargill et al.      | 422   | 104      | 3/6/98      |
|                   | 10       | 6,150,102              | 11/21/00   | Mills, Jr. et al.   | 435   | 6        | 5/15/98     |
|                   | 11       | 6,096,276              | 8/1/00     | Laursen             | 422   | 103      | 8/14/91     |
|                   | 12       | 6,045,755              | 4/4/00     | Lebl et al.         | 422   | 65       | 3/10/97     |
|                   | 13       | 5,792,430              | 8/11/98    | Hamper              | 422   | 131      | 8/11/98     |
|                   | 14       | 5,770,157              | 6/23/98    | Cargill et al.      | 422   | 99       | 9/18/96     |
|                   | 15       | 5,580,523              | 12/3/96    | Bard                | 422   | 50       | 4/1/94      |
|                   | 16       | 5,443,791              | 8/22/95    | Cathcart et al.     | 422   | 65       | 8/7/92      |
|                   | 17       | 6,329,210              | 12/11/01   | Schleifer           | 436   | 518      | 10/29/99    |
|                   | 18       | 6,175,006              | 1/16/01    | Andrus et al.       | 536   | 25.4     | 3/30/99     |
|                   | 19       | 6,057,424              | 5/2/00     | Vail, III           | 530   | 333      | 3/24/97     |
|                   | 20       | 5,981,733              | 11/9/99    | Gamble et al.       | 536   | 25.3     | 9/16/96     |
|                   | 21       | 5,885,837              | 3/23/99    | Winkler et al.      | 435   | 91.1     | 10/23/96    |
|                   | 22       | 5,840,841              | 11/24/98   | Zuckermann et al.   | 530   | 338      | 5/8/97      |
|                   | 23       | 5,541,314              | 7/30/96    | McGrath et al.      | 536   | 25.31    | 8/2/94      |
|                   | 24       | 5,466,608              | 11/14/95   | Lapluye et al.      | 436   | 86       | 9/7/93      |
|                   | 25       | 5,462,748              | 10/31/95   | Lloyd et al.        | 424   | 484      | 1/14/94     |
|                   | 26       | 5,298,259              | 3/29/94    | Lloyd et al.        | 424   | 486      | 11/5/91     |
|                   | 27       | 5,262,530              | 11/16/93   | Andrus et al.       | 536   | 25.31    | 7/27/90     |
|                   | 28       | 5,153,319              | 10/6/92    | Caruthers et al.    | 536   | 27       | 3/31/86     |
|                   | 29       | 5,143,418              | 7/21/92    | Caruthers et al.    | 536   | 27       | 6/18/94     |
|                   | 30       | 5,112,575              | 5/12/91    | Whitehouse et al.   | 422   | 116      | 2/14/91     |
|                   | 31       | 5,047,524              | 9/10/91    | Andrus et al.       | 536   | 27       | 12/21/88    |
|                   | 32       | 4,744,037              | 5/10/88    | Niina et al.        | 364   | 497      | 7/15/85     |
|                   | 33       | 4,598,049              | 7/1/86     | Zelinka et al.      | 435   | 287      | 8/31/83     |

Examiner:

*[Signature]*

Date Considered:

04/03

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OCT 15 2002  
U.S. Patent and Trademark Office

RECEIVED  
AUG 16 2002

Sheet 3 of 3

|  |  |  |  |  |  |                      |  |
|--|--|--|--|--|--|----------------------|--|
| FORM PTO-1449<br>(Modified)  |  |  |  | U.S. Department of Commerce<br>Patent and Trademark Office                         |  |                      |  |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT<br>(Use Several Sheets If Necessary) |  |  |  | Attorney Docket No.: FORS-06111<br>Serial No.: 09/782,702<br>TECH CENTER 1600/2900 |  |                      |  |
| (37 CFR § 1.98(b))   |  |  |  | Filing Date: 02/13/01  |  | Group Art Unit: 1634 |  |

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | Serial / Patent Number | Issue Date | Applicant / Patentee | Class | Subclass | Filing Date |
|-------------------|----------|------------------------|------------|----------------------|-------|----------|-------------|
| M                 | 34       | 4,517,338              | 5/14/85    | Urdea et al.         | 525   | 54.11    | 7/13/84     |
|                   | 35       | 4,483,964              | 11/20/84   | Urdea et al.         | 525   | 54.11    | 6/20/83     |
|                   | 36       | 4,458,066              | 7/3/84     | Caruthers et al.     | 536   | 27       | 3/24/81     |
|                   | 37       | 4,353,989              | 10/12/82   | Bender et al.        | 435   | 287      | 1/19/81     |
|                   | 38       | 6,177,554              | 1/23/01    | Woo et al.           | 536   | 23.1     | 6/5/95      |
|                   | 39       | 5,736,626              | 4/7/98     | Mullah et al.        | 536   | 25.3     | 1/29/96     |
|                   | 40       | 5,723,599              | 3/3/98     | Klem et al.          | 536   | 25.3     | 3/22/95     |
|                   | 41       | 5,703,218              | 12/30/97   | Urdea et al.         | 536   | 23.1     | 4/13/95     |
|                   | 42       | 5,668,268              | 9/16/97    | Tang et al.          | 536   | 25.3     | 11/27/95    |
|                   | 43       | 5,652,358              | 7/29/97    | Pfleiderer et al.    | 536   | 25.3     | 11/3/94     |
|                   | 44       | 5,639,873              | 6/17/97    | Barascut et al.      | 536   | 25.3     | 8/4/94      |
|                   | 45       | 5,518,651              | 5/21/96    | Reddy et al.         | 252   | 193      | 6/8/94      |
|                   | 46       | 5,264,562              | 11/23/93   | Matteucci            | 536   | 23.1     | 4/24/91     |
|                   | 47       | 4,950,745              | 8/21/90    | Ishido et al.        | 536   | 58       | 6/27/88     |
|                   | 48       | 6,313,284 B1           | 11/6/01    | Kwiatkowski et al.   | 536   | 25.3     | 3/30/00     |
|                   | 49       | 6,225,061 B1           | 5/1/01     | Becker et al.        | 435   | 6        | 3/10/99     |
|                   | 50       | 6,165,717              | 12/26/00   | Dower et al.         | 435   | 6        | 5/13/98     |
|                   | 51       | 5,874,554              | 2/23/99    | Gamble et al.        | 536   | 22.1     | 12/13/96    |
|                   | 52       | 5,789,162              | 8/4/98     | Dower et al.         | 435   | 6        | 6/7/95      |
|                   | 53       | 5,726,300              | 3/10/98    | Klem et al.          | 536   | 25.34    | 6/15/94     |
|                   | 54       | 5,703,223              | 12/30/97   | Wickstrom et al.     | 536   | 25.33    | 9/2/94      |
|                   | 55       | 5,700,919              | 12/23/97   | Seliger et al.       | 536   | 22.1     | 1/10/95     |
|                   | 56       | 5,668,266              | 9/16/97    | Ruth                 | 536   | 25.3     | 5/12/95     |
|                   | 57       | 5,646,267              | 7/8/97     | Stec et al.          | 536   | 25.33    | 6/5/95      |
|                   | 58       | 5,620,852              | 4/15/97    | Lin et al.           | 435   | 6        | 10/31/94    |
|                   | 59       | 5,616,700              | 4/1/97     | Reddy et al.         | 536   | 25.3     | 11/18/93    |
|                   | 60       | 5,548,076              | 8/20/96    | Froehler et al.      | 536   | 25.34    | 8/13/93     |
|                   | 61       | 5,514,789              | 5/7/96     | Kempe                | 536   | 25.4     | 4/21/94     |
|                   | 62       | 5,324,831              | 6/28/94    | Marquez et al.       | 536   | 25.3     | 4/6/88      |
|                   | 63       | 5,264,566              | 11/23/93   | Froehler et al.      | 536   | 25.34    | 4/26/90     |
|                   | 64       | 5,149,798;             | 9/22/92    | Agrawal et al.       | 536   | 27       | 4/6/89      |
|                   | 65       | 5,112,962              | 5/12/91    | Letsinger et al.     | 536   | 27       | 11/9/90     |

|           |   |                  |                 |
|-----------|---|------------------|-----------------|
| Examiner: | <i>M</i>  | Date Considered: | <i>04/10/03</i> |
| EXAMINER: | Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                  |                 |

RECEIVED

Sheet 3 of 3

AUG 16 2002

AUG 16 2002

|  |  |  |  |  |                        |
|--|--|--|--|--|------------------------|
| FORM PTO-1449<br>(Modified)  |  | U.S. Department of Commerce<br>Patent and Trademark Office |  | Attorney Docket No.: FORS-06111                                | Serial No.: 09/782,702 |
| INFORMATION Disclosure Statement by Applicant<br>(Use Several Sheets If Necessary) |  |  |  | Applicant: Raymond F. Cracauer<br><i>TECH CENTER 1600/2900</i> |                        |
| (37 CFR § 1.98(b))   |  |  |  | Filing Date: 02/13/01  | Group Art Unit: 1634   |

## U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | Serial / Patent Number | Issue Date | Applicant / Patente | Class | Subclass | Filing Date |
|-------------------|----------|------------------------|------------|---------------------|-------|----------|-------------|
| <i>M</i>          | 66       | 4,734,363              | 3/29/88    | Dattagupta et al.   | 435   | 91       | 11/27/984   |
|                   | 67       | 4,689,405              | 8/25/98    | Frank et al.        | 536   | 27       | 1/4/84      |
|                   | 68       | 4,401,796              | 8/30/83    | Itakura             | 535   | 340      | 4/30/81     |
|                   | 69       | 3,917,455              | 11/4/75    | Bak et al.          | 23    | 253      | 5/10/74     |
|                   | 70       | 4,837,159              | 6/6/89     | Yamada              | 436   | 45       | 9/17/85     |
|                   | 71       | 5,503,805              | 4/2/96     | Sugarman et al.     | 422   | 131      | 11/2/93     |
|                   | 72       | 5,437,979              | 8/1/95     | Rampal et al.       | 435   | 6        | 8/24/92     |
|                   | 73       | 5,762,881              | 6/9/98     | Harness et al.      | 422   | 132      | 10/29/96    |
|                   | 74       | 4,598,045              | 7/1/86     | Masover et al.      | 435   | 34       | 2/19/85     |
| <i>N</i>          | 75       | 5,053,454              | 10/1/91    | Judd                | 525   | 54.11    | 2/15/89     |

## U.S. PATENT APPLICATION PUBLICATION

| Examiner Initials | Cite No. | Publication Number | Publication Date | Applicant / Patente | Class | Subclass | Filing Date |
|-------------------|----------|--------------------|------------------|---------------------|-------|----------|-------------|
| <i>N</i>          | 76       | 2001/0022950       | 9/20/01          | Hall et al.         | 422   | 131      | 5/18/01     |
|                   | 77       | 2001/0007644       | 7/12/01          | McLuen et al.       | 422   | 131      | 12/19/00    |
|                   | 78       | 2001/0001035       | 5/10/01          | McLuen et al.       | 422   | 100      | 12/19/00    |
| <i>P</i>          | 79       | 2001/0000723       | 5/3/01           | McLuen et al.       | 422   | 100      | 12/19/00    |

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

|          | Document Number | Publication Date | Country / Patent Office | Class | Subclass | Translation |    |
|----------|-----------------|------------------|-------------------------|-------|----------|-------------|----|
|          |                 |                  |                         |       |          | Yes         | No |
| <i>M</i> | 80              | WO99/65602       | 23 Dec. 99              |       |          |             |    |
|          | 81              | WO 00/56445      | 28 Sept. 00             |       |          |             |    |
|          | 82              | WO 91/13084      | 5 Sept. 91              |       |          |             |    |
|          | 83              | WO 98/36829      | 27 Aug. 98              |       |          |             |    |
|          | 84              | WO 98/39099      | 11 Sept. 98             |       |          |             |    |
|          | 85              | WO 98/57181      | 17 Dec. 98              |       |          |             |    |
| <i>N</i> | 86              | WO 98/10857      | 19 Mar. 98              |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

|   |    |   |                               |
|---|----|---|-------------------------------|
| <i>M</i>  | 87 | User's Manual ABI 3900 High Throughput DNA Synthesizer, Applied Biosystems (2001) | Date Considered: <i>09/03</i> |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |   |                               |